

Appl. No. 09/931,276
Reply to Final Office Action of September 22, 2005

Docket No. RTN-122PUS

Amendments to the Specification:

Please replace the paragraph beginning at page 4, line 4 with the following amended paragraph.

The radar sensors 24, 26 may be of a type, for example, described in U.S. Patent Application entitled Radar Transmitter Circuitry and Techniques, filed on August 16, 2001, and assigned Application No. ~~09/931,634~~09/931,636, and U.S. Patent Application entitled Highly Integrated Single Substrate MMW Multi-Beam Sensor, filed on August 16, 2001, and assigned Application No. 09/931,277, each of which are assigned to the assignee of the present invention and incorporated herein by reference. It should be appreciated of course that other radar sensors can be used in accordance with the present invention. The radar sensors employed in this invention are radar transceivers that both transmit and receive radar energy.

Please add the following new paragraph after the paragraph beginning at page 7, line 6.

The RF detection system utilizes an antenna system, which provides multiple beams in each of the coverage zones 94, 96. In this manner, the particular direction from which another object approaches the vehicle or vice-versa can be found.